

REMARKS

The present Amendment amends claims 1, 2, 6, 7, 11, 12, 16 and 17 and leaves claims 3-5, 8-10, 13-15 and 18 unchanged. Therefore, the present application has pending claims 1-18.

Claim 16 stands objected to due to informalities noted by the Examiner in paragraph 1 of the Office Action. Amendments were made to claim 16 to correct the informalities noted by the Examiner. Therefore, this objection is overcome and should be withdrawn.

Claim 11 stands rejected under 35 USC §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regards as their invention. Various amendments were made throughout claim 11 to bring them into conformity with the requirements of 35 USC §112, second paragraph. Therefore, this rejection with respect to claim 11 is overcome and should be withdrawn.

Specifically, amendments were made throughout claim 11 to overcome the objections noted by the Examiner in the Office Action.

Claims 1-18 stand rejected under 35 USC §103(a) as being unpatentable over Guedalia (U.S. Patent No. 6,356,283) in view of Tran (U.S. Patent Application Publication No. 2002/0069220). This rejection is traversed for the following reasons. Applicants submit that the features of the present invention as now more clearly recited in claims 1-18 are not taught or suggested by Guedalia or Tran whether taken individually or in combination with each other as suggested by the Examiner. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw this rejection.

Amendments were made to the claims to more clearly describe features of the present invention as recited in the claims. Particularly, amendments were made to the claims to more clearly recite that the present invention is directed to a an image distribution system for distributing images to a mobile terminal, an image display method for the mobile terminal for displaying images distributed to it by the image distribution system, the mobile terminal and an image conversion apparatus which converts images from an image storage distribution apparatus which stores the images so as to be supplied to the mobile terminal

According to the present invention, the image distribution system includes the image storage distribution apparatus for storing images picked up by an imaging unit and an image conversion apparatus for obtaining an image specified by a mobile terminal from the image storage distribution apparatus and distributing the specified image to the mobile terminal if the specified image is required to be displayed.

Further, according to the present invention the mobile terminal is arranged to display the image distributed from the image conversion apparatus on a screen of the monitoring unit of the mobile terminal, specify an optional location and range of the displayed image, and transmit information on the specified location and range to the image conversion apparatus.

Still further, according to the present invention the image conversion apparatus enlarges, based on a smaller of a ratio of a height of a screen of the monitor unit of the mobile terminal to a height of the ranged specified by the mobile terminal and a ratio of width of the screen of the monitor unit of the mobile terminal to a width of the range specified by the mobile terminal, the

image of the location and range specified by the mobile terminal to a display size of the monitoring unit of the mobile terminal and the distributes the image to the mobile terminal and that the mobile terminal displays the enlarged image distributed by the image conversion apparatus on the screen of the monitoring unit.

The above described features of the present invention now more clearly recited in the claims are not taught or suggested by any of the references of record whether taken individually or in combination with each other. Particularly, the above described features of the present invention now more clearly recited in the claims are not taught or suggested by Guedalia in view of Tran whether said references are taken individually or in combination with each other as suggested by the Examiner.

Guedalia teaches a method and system for HTML driven interactive image content. Specifically, Guedalia teaches a method and system for archiving digital data on a server computer and enabling a user by means of a client computer to interactively view a digital image derived from the digital data. Guedalia teaches, for example, in Fig. 1 thereof a client/server system, wherein a server computer 10 has stored therein HTML pages 12 each of which contains display layout information URL links for embedding images and instructions to launch server application. Guedalia teaches that the embedded images are derived from image files 14 residing on the server and server applications are stored as server software 16 on the server computer 10.

As taught by Guedalia client computers 20 are connected to the server computer 10 such that each client computer 20 using browser software 22 is

able to communicate with the server computer 10 and control transmission of data 26 from the server computer 10, said data 26 including HTML, applet, image and other data. Guedalia teaches that the data 26 is used directly by the browser software 22 to display the HTML page or if necessary or preferred the optional client software is invoked.

Thus, as is clear from the above there is no teaching or suggestion in Guedalia of the image conversion apparatus nor the mobile terminal of the present invention as recited in the claims. According to the present invention the image conversion apparatus obtains an image specified by the mobile terminal from the image storage distribution apparatus and distributes a converted image to the mobile terminal if the image is required to be displayed.

As per the present invention since the mobile terminal has a monitoring unit which tends to be rather small, the importance of converting the image to a size appropriate for the display of image data on the monitoring unit of the mobile terminal cannot be over-emphasized. The present invention as recited in the claims offers a solution to this problem. Thus, the present invention provides for unique functionality which allows for conversions and other processings to be formed on the image data so as to convert the image data to a form appropriate to display the image data in the best condition on the monitoring unit of the mobile terminal. Such features are clearly not taught or suggested by Guedalia.

The present invention accomplishes this by the image conversion apparatus enlarging, based on a smaller of a ratio of a height of the screen of the monitoring unit to a height of the range specified by the mobile terminal

and a ratio of width of the screen of the monitoring unit to a width of the range specified by the mobile terminal, the image of the location and range specified by the mobile terminal to a display size of the monitoring unit. Such processings are clearly not taught or suggested by Guedalia.

Thus, Guedalia fails to teach or suggest an image conversion apparatus for obtaining an image specified by a mobile terminal from an image storage distribution apparatus which stores images picked up by an imaging unit and distributing the specified image to the mobile terminal if the specified image is required to be displayed as recited in the claims.

Further, Guedalia fails to teach or suggest that the mobile terminal is arranged to display the image distributed from the image conversion apparatus on a screen of a monitoring unit of the mobile terminal, specify an optional location and range of the displayed image and transmit information on the specified location and range to the image conversion apparatus as recited in the claims.

Still further, Guedalia fails to teach or suggest that the image conversion apparatus enlarges, based on a smaller of a ratio of a height of the screen of the monitoring unit of the mobile terminal to a height of a range specified by the mobile terminal and a ratio of a width of the screen of the monitoring unit of the mobile terminal to a width of the range specified by the mobile terminal, the image of the location and range specified by the mobile terminal to a display size of the monitoring unit of the mobile terminal and then distributes the enlarged image to the mobile terminal as recited in the claims.

The above described deficiencies of Guedalia are not supplied by any of the other references of record. Particularly, the above described

deficiencies of Guedalia are not supplied by Tran. Therefore, combining the teachings of Guedalia and Tran in the manner suggested by the Examiner in the Office Action still fails to teach or suggest the features of the present invention as now more clearly recited in the claims.

In the Office Action the Examiner relies on Tran for an alleged teaching of specifying an optional location and range of the displayed image. However, even if Tran teaches this feature, which it does not, Tran clearly does not supply any of the above described deficiencies of Guedalia relative to the features of the present invention as recited in the claims as shown above. Therefore, combining the teachings of Guedalia and Tran in the manner suggested by the Examiner still fails to teach or suggest the features of the present invention as now more clearly recited in the claims.

Tran simply provides a remote data accessing management system, wherein a portable computer can be used to communicate data directly with another computer. However, at no point is there any teaching or suggestion in Tran of the above described features of the present invention shown above not to be taught or suggested by Guedalia. Particularly, there is no teaching or suggestion in Tran of the image conversion apparatus and the functions performed by the image conversion apparatus in combination with the mobile terminal as recited in the claims.

Further, there is no teaching or suggestion in Tran of a mobile terminal and the functions performs by the mobile terminal in combination with the image conversion apparatus and the image storage apparatus as in the present invention as recited in the claims.

Thus, Tran fails to teach or suggest an image conversion apparatus for obtaining an image specified by a mobile terminal from an image storage distribution apparatus which stores images picked up by an imaging unit and distributing the specified image to the mobile terminal if the specified image is required to be displayed as recited in the claims.

Further, Tran fails to teach or suggest that the mobile terminal is arranged to display the image distributed from the image conversion apparatus on a screen of a monitoring unit of the mobile terminal, specify an optional location and range of the displayed image and transmit information on the specified location and range to the image conversion apparatus as recited in the claims.

Still further, Tran fails to teach or suggest that the image conversion apparatus enlarges, based on a smaller of a ratio of a height of the screen of the monitoring unit of the mobile terminal to a height of a range specified by the mobile terminal and a ratio of a width of the screen of the monitoring unit of the mobile terminal to a width of the range specified by the mobile terminal, the image of the location and range specified by the mobile terminal to a display size of the monitoring unit of the mobile terminal and then distributes the enlarged image to the mobile terminal as recited in the claims.

Therefore, as per the above, both Guedalia and Tran suffer from the same deficiencies relative to the features of the present invention as now more clearly recited in the claims and as such when combined in the manner suggested by the Examiner in the Office Action does not render obvious the features of the present invention as recited in the claims. Accordingly, reconsideration and withdrawal of the 35 USC §103(a) rejection of claims 1-

18 as being unpatentable over Guedalia in view of Tran is respectfully requested.

The remaining references of record have been studied. Applicants submit that they do not supply any of the deficiencies noted above with respect to the references utilized in the rejection of claims 1-18.

In view of the foregoing amendments and remarks, applicants submit that claims 1-18 are in condition for allowance. Accordingly, early allowance of claims 1-18 is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (500.43104X00).

Respectfully submitted,

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